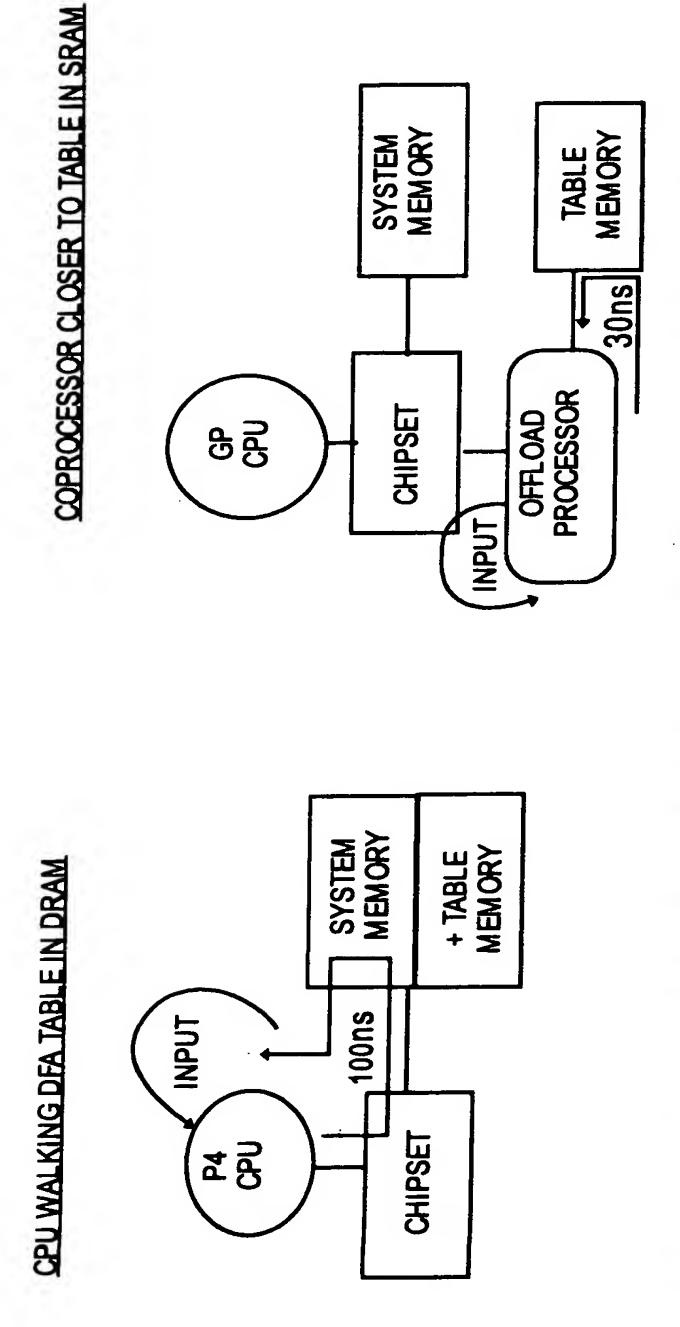
EVALUATION TIME (FOR N BYTES OF INPUT) [ORDER OF]	MEMORY ACCESS CYCLES	R * N CPU CACHE+BRANCH CYCLES
STORAGE BOUND ON # OF STATES (FOR R CHARACTER REGULAR EXPRESSION)	(NEEDS VERY LARGE MEMORY)	
PROPERTIES OF DFA AND NFA TECHNIQUES USED ON CONVENTIONAL MICROPROCESSORS	DETERMINISTIC FINITE STATE AUTOMATA OR DFA RUNNING ON A GP CPU	NON-DETERMINISTIC FINITE STATE AUTOMATA NFA RUNNING ON A GP CPU

FIG. 1A



PERFORMANCE ON EVALUATING REGULAR EXPRESSIONS ON EVERY BYTE OF INPUT STREAM

1000s OF REs @ 100 Mbps GIGABYTES OF MEMORY

100s OF REs @ 280 Mbps 100s OF MBs OF SRAM

FIG. 1B PRIOR ART